

# STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

## *BRIDGE LOAD RATING REPORT*

**Structure No.**

over



BY PLACEMENT OF THE PROFESSIONAL ENGINEERING STAMP AND SIGNATURE I HEREBY STATE THAT I HAVE PERFORMED AN INDEPENDENT CHECK OF THE METHODS, ASSUMPTIONS, LOAD DISTRIBUTION, COMPUTER INPUT FILE(S) AND ALL CALCULATIONS FOR THIS LOAD RATING REPORT FOR THE BRIDGE NUMBER STATED ABOVE. BY STAMPING AND SIGNING ABOVE, I CONFIRM THAT I AGREE WITH ALL METHODS, ASSUMPTIONS, LOAD DISTRIBUTIONS, AND CALCULATIONS CONTAINED IN THIS RATING REPORT.

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# CONNECTICUT DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENGINEERING AND CONSTRUCTION

### OFFICE OF ENGINEERING

#### GENERAL INFORMATION

Structure No.: City/Town: Route: Mile Point:

Feature Carried: Year Built:

Feature Crossed: Year Rebuilt:

Project No.: Construction No.: Billable Project No.:

Superstructure Boundary Conditions:

Superstructure Type:

Superstructure Material:

Substructure Type:

Deck Type:

Deck Material:

Composite:

Original Design Code:

Original Design Load:

Evaluation Code:

Design Load:

Analysis Method :

Basis of Rating:

\* Ability to customize field

Rated By:

Date:

Reviewed By:

Date:

Company Name:

Phone No.:

Company Address:

# CONNECTICUT DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENGINEERING AND CONSTRUCTION OFFICE OF ENGINEERING

### AASHTO DESIGN VEHICULAR RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x,xL)	LIMIT STATE	CONTROLLING MECHANISM

### AASHTO FATIGUE RATING SUMMARY

LIVE LOAD	RF	EXP. YEAR	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x,xL)	FATIGUE CATEGORY

### SERVICE III DESIGN AND LEGAL RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x,xL)	ENVIRONMENTAL CONDITIONS

\* Ability to customize field

# CONNECTICUT DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENGINEERING AND CONSTRUCTION OFFICE OF ENGINEERING

### AASHTO LEGAL VEHICULAR RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x.xL)	LIMIT STATE	CONTROLLING MECHANISM

### CONNECTICUT LEGAL VEHICULAR RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x.xL)	LIMIT STATE	CONTROLLING MECHANISM

### EMERGENCY VEHICULAR RATING SUMMARY

LIVE LOAD	RF	GVW (Tons)	AXLE (Tons)	SPAN /CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x.xL)	LIMIT STATE	CONTROLLING MECHANISM

\* Ability to customize field

# CONNECTICUT DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENGINEERING AND CONSTRUCTION OFFICE OF ENGINEERING

### CONNECTICUT PERMIT VEHICULAR RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x.xL)	LIMIT STATE	CONTROLLING MECHANISM

### ADDITIONAL VEHICULAR RATING SUMMARY

LIVE LOAD	RF	TONS	SPAN/ CELL	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (x.xL)	LIMIT STATE	CONTROLLING MECHANISM

\* Ability to customize field

# CONNECTICUT DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENGINEERING AND CONSTRUCTION

### OFFICE OF ENGINEERING

#### SPECIFICATIONS

Bridge Load Rating Manual version		
AASHTO The Manual for Bridge Evaluation version	edition with the	interims
AASHTO LRFD Bridge Design Specifications version	edition with the	interims
Recent Routine/Indepth Bridge Inspection date (yyyy)		

#### CONSTRUCTION RECORDS

#### ADDITIONAL REFERENCES

#### CALCULATION TOOLS

\* Ability to customize field